



Contractor		Submitted By		Date
Concrete Supplier			Plant Location	
Contract Number	Contract Name			

This mix is to be used in the following Bid Item No(s): _____

Concrete Class: **(check one only)** ^a ☐ 3000 ☐ 4000 ☐ 4000D ☐ 4000P ☐ 4000W ☐ Concrete Overlay ☐ Cement Concrete Pavement ^d
☐ Other _____

Remarks: _____

Mix Design No. _____

Cementitious Materials	Source	Type or Class	Sp. Gr.	Lbs/cy
Cement				
Fly Ash ^a				
Microsilica				
Latex				
Slag				

Concrete Admixtures	Manufacturer	Product	Type	Est. Range (oz/cy)
Air Entrainment				
Water Reducer				
High-Range Water Reducer				
Set Retarder				
Other				

Water (Maximum) _____ (lbs/cy) Reclaimed/Recycled Water ^e (Maximum) _____ (lbs/cy)

Water Cementitious Ratio (Maximum) _____

Design Performance	1	2	3	4	5	Average
28 Day Compressive Strength (cylinders) psi						
14 Day Flexural ^d Strength (beams) psi						

Reviewed By: _____
PE Signature

Date

Distribution: Original - Contractor
Copies To - State Materials Lab-General Materials Eng. ; Regional Materials Lab; Project Inspector

Combined Gradation Chart

Concrete Aggregates	Component 1	Component 2	Component 3	Component 4	Component 5	Combined Gradation
WSDOT Pit No.						
ASR Mitigation Required? ^b	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Grading ^c						
Percent of Total Aggregate						100%
Specific Gravity						
Lbs/cy (ssd)						

Percent Passing

2 inch						
1-1/2 inch						
1 inch						
3/4 inch						
1/2 inch						
3/8 inch						
No. 4						
No. 8						
No. 16						
No. 30						
No. 50						
No. 100						
No. 200						

Aggregate Correction Factor: _____

Fineness Modulus: _____ (Required for Class 2 Sand)

Notes:

- ^a Required for Class 4000D and 4000P mixes.
- ^b If Alkali Silica Reactivity Mitigation is required per WSDOT ASA Database - Attach evidence that mitigating measure controls expansion in the form of ASTM C 1260 / AASHTO T303, ASTM C 1293, or ASTM C 295 test results
- ^c AASHTO No. 467, 57, 67, 7, 8; WSDOT Class 1, Class 2; or combined gradation. See Standard Specification 9-03.1
- ^d Required for Cement Concrete Pavements
- ^e Attach test results indicating conformance to Standard Specification 9-25.1